

Part 4 – Nonradiative transition probabilities and emitted electron energies. All 90,513 nonradiative transitions are shown graphically. They have, however, been summed over all emitted electrons [index k in Eq. (5)] due to the extensive amount of data. For the tabular results, only those transitions that are at least 0.1% of the total nonradiative transition probability for the given subshell and element are listed. This still yields 38,919 transitions. Under the column heading Subshells, K L1 L2 indicates a transition in that there is an “initial” vacancy in the K subshell and this vacancy is filled by an electron undergoing a transition from the L1 subshell, emitting an electron from the L2 subshell, leaving vacancies in the L1 and L2 subshells.

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